

Refine Search

Search Results -

Terms	Documents
L3 and obesity	4

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L5

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Thursday, November 04, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=OR

<u>L5</u>	L3 and obesity	4	<u>L5</u>
<u>L4</u>	L1 and l3	0	<u>L4</u>
<u>L3</u>	cawthorne.in.	62	<u>L3</u>
<u>L2</u>	L1 and obesity reduction	699315	<u>L2</u>
<u>L1</u>	hyperamylinemia and obesity	12	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 12 returned.

1. Document ID: US 6514747 B2

L1: Entry 1 of 12

File: USPT

Feb 4, 2003

US-PAT-NO: 6514747

DOCUMENT-IDENTIFIER: US 6514747 B2

TITLE: Agouti polynucleotide compositions and methods of use

DATE-ISSUED: February 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Woychik; Richard P.	Orinda	CA		
Bultman; Scott J.	Lakewood	OH		
Michaud; Edward J.	Kingston	TN		

US-CL-CURRENT: 435/252.3; 435/254.11, 435/320.1, 435/325, 536/23.1, 536/23.5,
536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Assignee	Inventor	Claims	KIMC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	----------	----------	--------	------	----------

2. Document ID: US 6310034 B1

L1: Entry 2 of 12

File: USPT

Oct 30, 2001

US-PAT-NO: 6310034

DOCUMENT-IDENTIFIER: US 6310034 B1

TITLE: Agouti polypeptide compositions

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Woychik; Richard P.	Orinda	CA		
Bultman; Scott J.	Lakewood	OH		
Michaud; Edward J.	Kingston	TN		

US-CL-CURRENT: 514/2; 530/300, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Assignee	Inventor	Claims	KIMC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	----------	----------	--------	------	----------

 3. Document ID: US 6080550 A

L1: Entry 3 of 12

File: USPT

Jun 27, 2000

US-PAT-NO: 6080550

DOCUMENT-IDENTIFIER: US 6080550 A

TITLE: Isolation and characterization of Agouti: a diabetes/obesity related gene

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Woychik; Richard P.	Knoxville	TN		

US-CL-CURRENT: 435/7.21; 435/69.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequencies	Attachments	Claims	KIMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	------------	-------------	--------	------	----------

 4. Document ID: US 6008253 A

L1: Entry 4 of 12

File: USPT

Dec 28, 1999

US-PAT-NO: 6008253

DOCUMENT-IDENTIFIER: US 6008253 A

TITLE: Use of 3-guanidinopropionic acid to increase endurance, stamina and exercise capacity in a mammal

DATE-ISSUED: December 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meglasson; Martin Durham	Kalamazoo	MI		

US-CL-CURRENT: 514/565

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequencies	Attachments	Claims	KIMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	------------	-------------	--------	------	----------

 5. Document ID: US 5900435 A

L1: Entry 5 of 12

File: USPT

May 4, 1999

US-PAT-NO: 5900435

DOCUMENT-IDENTIFIER: US 5900435 A

TITLE: Composition, food product and uses of 3-guanidinopropionic acid

DATE-ISSUED: May 4, 1999

h e b b g e e e f e h b ef b e

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meglasson; Martin D.	Kalamazoo	MI		

US-CL-CURRENT: 514/565; 426/330, 426/330.5, 514/866, 514/909

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

 6. Document ID: US 5843652 A

L1: Entry 6 of 12

File: USPT

Dec 1, 1998

US-PAT-NO: 5843652

DOCUMENT-IDENTIFIER: US 5843652 A

TITLE: Isolation and characterization of Agouti: a diabetes/obesity related gene

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Woychik; Richard P.	Knoxville	TN		

US-CL-CURRENT: 435/6; 435/91.2, 536/23.1, 536/24.3, 536/24.33

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

 7. Document ID: US 5789651 A

L1: Entry 7 of 12

File: USPT

Aug 4, 1998

US-PAT-NO: 5789651

DOCUMENT-IDENTIFIER: US 5789651 A

TITLE: Isolation and characterization of Agouti: a diabetes/obesity related gene

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Woychik; Richard P.	Knoxville	TN		

US-CL-CURRENT: 800/9; 435/320.1, 435/69.1, 435/91.2, 536/23.1, 800/10, 800/18,
800/25

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

 8. Document ID: US 5599841 A

h e b b g e e e f e h b ef b e

L1: Entry 8 of 12

File: USPT

Feb 4, 1997

US-PAT-NO: 5599841

DOCUMENT-IDENTIFIER: US 5599841 A

TITLE: Use of 3-guanidinopropionic acid in the treatment and prevention of metabolic disorders

DATE-ISSUED: February 4, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meglasson; Martin D.	Kalamazoo	MI		

US-CL-CURRENT: 514/557; 514/565, 514/634

Full	Title	Citation	Front	Review	Classification	Date	Reference	Searcher	Searcher	Claims	KMPC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	----------	----------	--------	------	---------

 9. Document ID: US 5266591 A

L1: Entry 9 of 12

File: USPT

Nov 30, 1993

US-PAT-NO: 5266591

DOCUMENT-IDENTIFIER: US 5266591 A

**** See image for Certificate of Correction ****

TITLE: Ethanolamine benzoate compounds

DATE-ISSUED: November 30, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wierzbicki; Michel	L'Etang La Ville			FR
Hugon; Pierre	Rueil Malmaison			FR
Duhault; Jacques	Croissy Sur Seine			FR
Boulanger; Michelle	Marly Le Roi			FR
Lacour; Francoise	Vincennes			FR

US-CL-CURRENT: 514/539; 514/540, 560/36, 560/37, 560/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Searcher	Searcher	Claims	KMPC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	----------	----------	--------	------	---------

 10. Document ID: US 5260275 A

L1: Entry 10 of 12

File: USPT

Nov 9, 1993

US-PAT-NO: 5260275

DOCUMENT-IDENTIFIER: US 5260275 A

TITLE: Hypoglycemics

h e b b g e e e f e h b ef b e

DATE-ISSUED: November 9, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cooper; Garth J. S.	Solana Beach	CA		
Moore; Candace X.	San Diego	CA		

US-CL-CURRENT: 514/12; 514/13, 514/866

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Assignment](#) | [Claims](#) | [KOMC](#) | [Drawn](#) | [De](#)

[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

Terms	Documents
hyperamylinemia and obesity	12

Display Format: [CIT](#) | [Change Format](#)

[Previous Page](#) | [Next Page](#) | [Go to Doc#](#)

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 62 returned.

1. Document ID: US 6782959 B2

L3: Entry 1 of 62

File: USPT

Aug 31, 2004

US-PAT-NO: 6782959

DOCUMENT-IDENTIFIER: US 6782959 B2

TITLE: Cutter element with non-linear, expanded crest

DATE-ISSUED: August 31, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Minikus; James C.	Spring	TX		
<u>Cawthorne</u> ; Chris E.	The Woodlands	TX		
Steinke; Stephen C.	The Woodlands	TX		
Portwood; Gary R.	Kingwood	TX		
Garcia; Gary E.	The Woodlands	TX		
Moran; David P.	The Woodlands	TX		
Nguyen; Quan V.	Houston	TX		

US-CL-CURRENT: 175/420.1; 175/430

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Supplement	Claims	KOMC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	----------	------------	--------	------	----------

2. Document ID: US 6774109 B2

L3: Entry 2 of 62

File: USPT

Aug 10, 2004

US-PAT-NO: 6774109

DOCUMENT-IDENTIFIER: US 6774109 B2

TITLE: Inhibition of amylin release

DATE-ISSUED: August 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dunmore; Simon Jon	Buckingham			GB
Davenport; Michelle	Buckingham			GB
<u>Cawthorne</u> ; Michael Anthony	Horsham			GB

US-CL-CURRENT: 514/16; 514/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Searcher	Editor	Claims	KM/C	Drawn
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	--------	------	-------

 3. Document ID: US 6695079 B2

L3: Entry 3 of 62

File: USPT

Feb 24, 2004

US-PAT-NO: 6695079

DOCUMENT-IDENTIFIER: US 6695079 B2

TITLE: Dual-seal drill bit pressure communication system

DATE-ISSUED: February 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Portwood; Gary Ray	Kingwood	TX		
<u>Cawthorne</u> ; Chris Edward	The Woodlands	TX		
Slaughter, Jr.; Robert H.	Ponca City	OK		
Didericksen; Roger	Ponca City	OK		
Cariveau; Peter	Ponca City	OK		
Denton; Robert	Pearland	TX		

US-CL-CURRENT: 175/371; 175/227, 175/337, 277/336, 277/928, 384/94

Full	Title	Citation	Front	Review	Classification	Date	Reference	Searcher	Editor	Claims	KM/C	Drawn
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	--------	------	-------

 4. Document ID: US 6679342 B2

L3: Entry 4 of 62

File: USPT

Jan 20, 2004

US-PAT-NO: 6679342

DOCUMENT-IDENTIFIER: US 6679342 B2

TITLE: Dual-seal drill bit pressure communication system

DATE-ISSUED: January 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Portwood; Gary Ray	Kingwood	TX		
<u>Cawthorne</u> ; Chris Edward	The Woodlands	TX		
Denton; Robert	Pearland	TX		
Slaughter, Jr.; Robert H.	Ponca City	OK		
Didericksen; Roger	Ponca City	OK		
Cariveau; Peter	Stillwater	OK		

US-CL-CURRENT: 175/371; 175/227, 175/337, 175/372, 277/336, 277/928, 384/94

h e b b g e e e f e h b ef b e

Full	Title	Citation	Front	Review	Classification	Date	Reference	Searcherless	Searcherless	Claims	KOMC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	--------------	--------------	--------	------	----------

5. Document ID: US 6615935 B2

L3: Entry 5 of 62

File: USPT

Sep 9, 2003

US-PAT-NO: 6615935

DOCUMENT-IDENTIFIER: US 6615935 B2

TITLE: Roller cone bits with wear and fracture resistant surface

DATE-ISSUED: September 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fang; Zhigang	The Woodlands	TX		
Griffo; Anthony	The Woodlands	TX		
White; Alycia C.	Fulshear	TX		
<u>Cawthorne; Chris</u>	The Woodlands	TX		

US-CL-CURRENT: 175/374; 175/408, 76/108.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Searcherless	Searcherless	Claims	KOMC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	--------------	--------------	--------	------	----------

6. Document ID: US 6571887 B1

L3: Entry 6 of 62

File: USPT

Jun 3, 2003

US-PAT-NO: 6571887

DOCUMENT-IDENTIFIER: US 6571887 B1

TITLE: Directional flow nozzle retention body

DATE-ISSUED: June 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nguyen; Quan V.	Houston	TX		
Larsen; James L.	Spring	TX		
Siracki; Michael A.	The Woodlands	TX		
<u>Cawthorne; Chris E.</u>	The Woodlands	TX		

US-CL-CURRENT: 175/57; 175/340, 175/424

Full	Title	Citation	Front	Review	Classification	Date	Reference	Searcherless	Searcherless	Claims	KOMC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	--------------	--------------	--------	------	----------

7. Document ID: US 6561293 B2

h e b b g e e e f e h b ef b e

L3: Entry 7 of 62

File: USPT

May 13, 2003

US-PAT-NO: 6561293

DOCUMENT-IDENTIFIER: US 6561293 B2

TITLE: Cutter element with non-linear, expanded crest

DATE-ISSUED: May 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Minikus; James C.	Spring	TX		
<u>Cawthorne</u> ; Chris E.	The Woodlands	TX		
Steinke; Stephen C.	The Woodlands	TX		
Portwood; Gary R.	Kingwood	TX		
Garcia; Gary E.	The Woodlands	TX		
Moran; David P.	The Woodlands	TX		
Nguyen; Quan V.	Houston	TX		

US-CL-CURRENT: 175/420.1; 175/430

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequenced	Unsequenced	Claims	KM/C	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

 8. Document ID: US 6536542 B1

L3: Entry 8 of 62

File: USPT

Mar 25, 2003

US-PAT-NO: 6536542

DOCUMENT-IDENTIFIER: US 6536542 B1

TITLE: Rock bit seal with multiple dynamic seal surface elements

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fang; Zhigang	The Woodlands	TX		
<u>Cawthorne</u> ; Chris	The Woodlands	TX		
Mourik; Nephi M.	The Woodlands	TX		
Huang; Sujian	The Woodlands	TX		

US-CL-CURRENT: 175/371; 175/372, 277/399

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequenced	Unsequenced	Claims	KM/C	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

 9. Document ID: US 6516293 B1

L3: Entry 9 of 62

File: USPT

Feb 4, 2003

h e b b g e e e f

e h b ef b e

US-PAT-NO: 6516293

DOCUMENT-IDENTIFIER: US 6516293 B1

TITLE: Method for simulating drilling of roller cone bits and its application to roller cone bit design and performance

DATE-ISSUED: February 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Huang; Sujian	The Woodlands	TX		
<u>Cawthorne</u> ; Chris E.	The Woodlands	TX		

US-CL-CURRENT: 703/10; 175/331, 340/853.6, 345/711, 702/9, 703/7

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Assignee](#) | [Inventor](#) | [Claims](#) | [KIMC](#) | [Drawn](#) | [Def](#)

 10. Document ID: US 6510909 B2

L3: Entry 10 of 62

File: USPT

Jan 28, 2003

US-PAT-NO: 6510909

DOCUMENT-IDENTIFIER: US 6510909 B2

TITLE: Rolling cone bit with gage and off-gage cutter elements positioned to separate sidewall and bottom hole cutting duty

DATE-ISSUED: January 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Portwood; Gary Ray	Kingwood	TX		
Garcia; Gary Edward	The Woodlands	TX		
Minikus; James Carl	Spring	TX		
Nese; Per Ivar	Houston	TX		
Cisneros; Dennis	Kingwood	TX		
<u>Cawthorne</u> ; Chris Edward	The Woodlands	TX		

US-CL-CURRENT: 175/331; 175/374

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Assignee](#) | [Inventor](#) | [Claims](#) | [KIMC](#) | [Drawn](#) | [Def](#)

[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

Terms	Documents
cawthorne.in.	62

Display Format:

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssspta1653hxp

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 14:23:33 ON 04 NOV 2004

=> file medline, uspatful, hcplus, dgene, wpids
COST IN U.S. DOLLARS

FILE 'MEDLINE' ENTERED AT 14:24:21 ON 04 NOV 2004

FILE 'USPATFULL' ENTERED AT 14:24:21 ON 04 NOV 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'HCAPLUS' ENTERED AT 14:24:21 ON 04 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'DGENE' ENTERED AT 14:24:21 ON 04 NOV 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'WPIDS' ENTERED AT 14:24:21 ON 04 NOV 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

=> s somatostatin
L1 53664 SOMATOSTATIN

=> s hyperamylinemia with obesity
L2 2 HYPERAMYLINEMIA WITH OBESITY

=> d 12 ti abs ibib tot

L2 ANSWER 1 OF 2 DGENE COPYRIGHT 2004 The Thomson Corp on STN
TI New mammalian agouti polypeptide useful to identify molecules that control agouti polypeptide and as immunogen to produce antibodies useful for treating, preventing diabetes, **hyperamylinemia**, neoplasms, **obesity**.

AN AAU10690 protein DGENE
AB The present invention relates to the isolation of murine and human agouti polypeptides and the polynucleotides encoding them. Also given are methods, compositions and kits for identifying compounds which are inhibitors of agouti activity, and for altering fatty acid synthetase activity and intracellular calcium levels in transformed cells. The sequences and methods of the invention are useful in the detection and treatment of diabetes, neoplasms, hyperinsulinaemia, obesity, and various forms of cancer including tumours. The present sequence represents human agouti polypeptide. Note: The present sequence is not completely encoded by the human agouti cDNA sequence (AAS17252) given in the patent Revised record issued on 09-SEP-2004 : Correction to feature table key

ACCESSION NUMBER: AAU10690 protein DGENE

TITLE: New mammalian agouti polypeptide useful to identify molecules that control agouti polypeptide and as immunogen to produce antibodies useful for treating, preventing diabetes, **hyperamylinemia**, neoplasms, **obesity**.

INVENTOR: Woychik R P; Bultman S J; Michaud E J

PATENT ASSIGNEE: (UTBA-N) UT-BATTELLE LLC.

PATENT INFO: US 6310034 B1 20011030 140p

APPLICATION INFO: US 1998-34088 19980303

PRIORITY INFO: US 1993-64385 19930521

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2002-040243 [05]

CROSS REFERENCES: N-PSDB: AAS17252

DESCRIPTION: Human agouti polypeptide.

L2 ANSWER 2 OF 2 WPIDS COPYRIGHT 2004 THE THOMSON CORP on STN
TI New mammalian agouti polypeptide useful to identify molecules that control agouti polypeptide and as immunogen to produce antibodies useful for treating, preventing diabetes, **hyperamylinemia**, neoplasms, **obesity**.

AN 2002-040243 [05] WPIDS

CR 1998-446202 [38]; 1999-044565 [04]; 2000-451204 [39]; 2003-198329 [19]

AB US 6310034 B UPAB: 20030320

NOVELTY - An isolated mammalian (murine and human) agouti polypeptide (I) comprising a sequence of 131 (S1) and 132 (S2) amino acids defined in the specification, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) an isolated peptide or polypeptide (II) comprising at least 5 contiguous amino acid antigenic fragment of (S1) and 6 contiguous amino acids of (S2);

(2) a substantially pure polypeptide (III) comprising an amino acid sequence 85% identical to (S1) or (S2), where the polypeptide has melanocyte stimulating hormone (MSH) or melanocortin-4 receptor antagonist activity;

(3) an immunogen (IV) comprising (II), in an immunogenic preparation, capable of eliciting an immune response in a mammal;

(4) a composition (V) comprising (II), (III) or (IV); and

(5) a kit comprising (V) in suitable containers and instructions for using the kit.

ACTIVITY - Anorectic; Antidiabetic; Cytostatic. No biological data was provided.

MECHANISM OF ACTION - Vaccine. No supporting data is given.

USE - (I) is useful as a vaccine or immunoreagent for generating an immune response in an animal and as an immunogen for producing antibodies that bind immunologically to mammalian agouti or agouti-related protein or peptide. Such antibodies are useful in diagnostic applications and preventing or treating insulin-dependent diabetes, obesity, hyperamylinemia and neoplasms in animals. (I) is also useful to identify molecules that control agouti.

Dwg.0/48

ACCESSION NUMBER: 2002-040243 [05] WPIDS

CROSS REFERENCE: 1998-446202 [38]; 1999-044565 [04]; 2000-451204 [39];
2003-198329 [19]

DOC. NO. CPI: C2002-011454

TITLE: New mammalian agouti polypeptide useful to identify molecules that control agouti polypeptide and as immunogen to produce antibodies useful for treating, preventing diabetes, hyperamylinemia, neoplasms, obesity.

DERWENT CLASS: B04 D16

INVENTOR(S): BULTMAN, S J; MICHAUD, E J; WOYCHIK, R P

PATENT ASSIGNEE(S): (UTBA-N) UT-BATTELLE LLC

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND DATE	WEEK	LA	PG
US 6310034	B1 20011030 (200205)*		140	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 6310034	B1 CIP of	US 1993-64385 US 1998-34088	19930521 19980303

PRIORITY APPLN. INFO: US 1998-34088 19980303; US
1993-64385 19930521

=> s obesity and reduct?

L3 20087 OBESITY AND REDUCT?

=> s 13 and 11

L4

829 L3 AND L1

=> s 14 and hyperamylinemia

L5 3 L4 AND HYPERAMYLINEMIA

=> d 15 ti abs ibib tot

L5 ANSWER 1 OF 3 USPATFULL on STN

TI Agouti polynucleotide compositions and methods of use

AB Disclosed are methods and compositions comprising novel agouti polypeptides and the polynucleotides which encode them. Also disclosed are DNA segments encoding these proteins derived from human and murine cell lines, and the use of these polynucleotides and polypeptides in a variety of diagnostic and therapeutic applications. Methods, compositions, kits, and devices are also provided for identifying compounds which are inhibitors of agouti activity, and for altering fatty acid synthetase activity and intracellular calcium levels in transformed cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:273335 USPATFULL

TITLE: Agouti polynucleotide compositions and methods of use

INVENTOR(S): Woychik, Richard P., Orinda, CA, UNITED STATES

Bultman, Scott J., Lakewood, OH, UNITED STATES

Michaud, Edward J., UNITED STATES

NUMBER	KIND	DATE
--------	------	------

PATENT INFORMATION: US 2002151463 A1 20021017

US 6514747 B2 20030204

APPLICATION INFO.: US 2001-781811 A1 20010212 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1998-34088, filed on 3 Mar 1998, GRANTED, Pat. No. US 6310034 Continuation-in-part of Ser. No. US 1993-64385, filed on 21 May 1993, ABANDONED

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: GREGORY A. NELSON, AKERMAN, SENTERFITT AND EIDSON, P.A., 222 LAKEVIEW AVENUE, SUITE 400, P.O.BOX 3188, WEST PALM BEACH, FL, 33402-3188

NUMBER OF CLAIMS: 50

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 41 Drawing Page(s)

LINE COUNT: 11146

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 3 USPATFULL on STN

TI Agouti polypeptide compositions

AB Disclosed are methods and compositions comprising novel agouti polypeptides and the polynucleotides which encode them. Also disclosed are DNA segments encoding these proteins derived from human and murine cell lines, and the use of these polynucleotides and polypeptides in a variety of diagnostic and therapeutic applications. Methods, compositions, kits, and devices are also provided for identifying compounds which are inhibitors of agouti activity, and for altering fatty acid synthetase activity and intracellular calcium levels in transformed cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2001:191105 USPATFULL

TITLE: Agouti polypeptide compositions

INVENTOR(S): Woychik, Richard P., Orinda, CA, United States

Bultman, Scott J., Lakewood, OH, United States

Michaud, Edward J., Kingston, TN, United States

PATENT ASSIGNEE(S) : UT-Battelle, LLC, Oak Ridge, TN, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 6310034 B1 20011030
APPLICATION INFO.: US 1998-34088 19980303 (9)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1993-64385, filed on 21 May 1993, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kammerer, Elyabik C.
LEGAL REPRESENTATIVE: Williams, Morgan & Amerson
NUMBER OF CLAIMS: 34
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 83 Drawing Figure(s); 41 Drawing Page(s)
LINE COUNT: 10935
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 3 USPATFULL on STN

TI Hypoglycemics

AB Non-insulin dependent, or type 2, diabetes mellitus in a patient is treated by administering to the patient a hypoglycemic agent that enhances plasma concentrations of amylin and a therapeutically effective amount of an amylin antagonist. Hypoglycemic agents which enhance plasma concentrations of amylin can be sulfonylureas such as glibenclamide and tolbutamide. Amylin antagonists can be amylin 8-37 and CGRP 8-37. Administration of the amylin antagonist in conjunction with the hypoglycemic agent also enhances the blood glucose lowering effects of the hypoglycemic agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 93:93765 USPATFULL

TITLE: Hypoglycemics

INVENTOR(S): Cooper, Garth J. S., Solana Beach, CA, United States
Moore, Candace X., San Diego, CA, United States

PATENT ASSIGNEE(S): Amylin Pharmaceuticals, Inc., San Diego, CA, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5260275 19931109
APPLICATION INFO.: US 1990-567919 19900814 (7)
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Russel, Jeffrey E.
LEGAL REPRESENTATIVE: Lyon & Lyon
NUMBER OF CLAIMS: 13
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 1883
CAS INDEXING IS AVAILABLE FOR THIS PATENT.